

Message

From: Jones, Russell [Jones.Russell@epa.gov]
Sent: 5/16/2018 4:00:37 PM
To: McNally, Robert [McNally.Robert@epa.gov]; Leahy, John [Leahy.John@epa.gov]; Overstreet, Anne [overstreet.anne@epa.gov]
CC: Yarger, Ryne [Yarger.Ryne@epa.gov]
Subject: FW: Plant Biostimulant Guidance- INTERNAL EPA REVIEW ONLY- Need Comments by 4/5/10
Attachments: Guidance for Plant Biostimulant Label Claims_Update_of_03 06 2018_CleanCopy_V2.doc; image001.jpg; image002.jpg

Importance: High

To All:

Please see email from Chad Schulze in Region 10 regarding the Guidance

Please advise on how to handle this.

Russ

From: Schulze, Chad
Sent: Wednesday, May 16, 2018 11:37 AM
To: Jones, Russell
Subject: FW: Plant Biostimulant Guidance- INTERNAL EPA REVIEW ONLY- Need Comments by 4/5/10

Hi Russ!

Hey, I was using your incredibly helpful Guidance doc on Plant Biostimulants (again) and just notice Table 3 (Plant Regulator Active Ingredients) did not make it in the final draft ... This table has been very helpful and, for what it's worth, Region 10 would like to see it in the Final.

Table 3. Plant Regulator Active Ingredients Contained in EPA-Registered Products Having Modes of Action that Trigger Regulation Under FIFRA as a Pesticide 1, 2, 3

- * Absciscic Acid (ABA)
- * gamma-Aminobutyric Acid (GABA)
- * 6-Benzyladenine (6-aminopurine; a cytokinin)
- * Chitin and Chitosan 4
- * Choline
- * Complex Polymeric Polyhydroxy Acids (including Humic acid, fulvic acid, tannins; & organic acids from Leonardite) 5
- * Corn glutens/Corn gluten meal
- * Cytokinins (as all isopentenyladenine and zeatin derivatives) 6
- * Cytokinin (as kinetin)
- * Ethylene
- * Gibberellic Acid A3 (GA3)
- * Gibberellic Acid A4/ A7 (GA4+7)
- * L-Glutamic Acid
- * Harpin proteins 4
- * Homobrassinolide
- * Indole-3 Acetic Acid (IAA)
- * Indole-3-Butyric Acid (IBA)
- * Jasmonates (includes all derivatives of jasmonic acid) 4
- * Lysophosphatidylethanolamine (LPE)
- * Laminarin
- * 1-Octanol
- * Potassium silicate 4
- * Saccharomyces cerevisiae extract (Brewer's Yeast extract) 4
- * Salicylic Acid 4
- * Seaweed Extracts 7
- * Sodium o-nitrophenolate
- * Sodium p-nitrophenolate
- * Sodium guaiacolate

1 Some EPA-registered microbial pesticides are registered as plant regulators or have plant regulator claims listed on their product labels

- 2 Includes Biochemical and Microbial Induced Resistance Promoters
- 3 This list only includes naturally-occurring plant regulators contained in EPA-registered products; it does not include substances under review by the Agency or known plant regulators for which no products have been proposed, but that may have plant regulator activity
- 4 EPA-registered Induced Resistance Promoter
- 5 Foliar applications only, soil applications may be excluded as a soil amendment in the absence of any pesticidal claims (including plant regulator claims)
- 6 Isopentenyladenine derivatives are typically produced by microbes; zeatin derivatives are typically produced by plants
- 7 Seaweed extracts (SWE) are heterogenous mixtures of naturally-occurring plant regulators (Battacharyya et. al., 2015; Craigle, 2011; Stirk and Tarkowska, 2003; Stirk et. al., 2014); products containing active ingredients derived from SWE have been registered by the Agency as plant regulator products (see Appendix II)

Sorry for the late comment but since I haven't seen the final guidance, I thought I'd send this to you.

Thanks!

Sincerely,
Chad

Chad Schulze
Pesticide Enforcement Team Lead
Pesticide and Toxics Unit
Office of Compliance and Enforcement
EPA Region 10
1200 6th Ave, Suite 155
Seattle, WA 98101
206-553-0505 (ph)
206-771-3058 (cell)
206-553-4743 (fax)
schulze.chad@epa.gov<mailto:schulze.chad@epa.gov>
<http://yosemite.epa.gov/r10/ECOCOMM.NSF/Pesticides/Pesticides+Homepage>

EPA DIVE UNIT:
<https://www.epa.gov/scientific-diving> or <https://www.epa.gov/diving>

Like us on Facebook! <http://www.facebook.com/EPADivers>

From: Hopkins, Yvette
Sent: Thursday, March 15, 2018 8:12 AM
To: FIFRA Regional Supervisors <FIFRA_Regional_Supervisors@epa.gov>; FIFRA Regional Contacts <FIFRA_Regional_Contacts@epa.gov>
Cc: Jones, Russell <Jones.Russell@epa.gov>; McNally, Robert <McNally.Robert@epa.gov>
Subject: Plant Biostimulant Guidance- INTERNAL EPA REVIEW ONLY- Need Comments by 4/5/10

Colleagues,
Attached is the most recent version of the Plant Biostimulant Guidance from BPPD. Please provide your responses to Russel Jones by Thursday, April, 5, 2018, and please do NOT share with our co-regulators or others. Russ's contact information is below if you have additional questions.

Yvette
703 308-1090

Russell S. Jones, Ph.D., Senior Scientist
Chair, Biochemical Classification Committee
Risk Assessment Branch
Biopesticides & Pollution Prevention Division
Office of Pesticide Programs
US Environmental Protection Agency

P: 703-308-5071; F: 703-308-7026
jones.russell@epa.gov<mailto:jones.russell@epa.gov>

Office Location:
One Potomac Yard
2777 South Crystal Drive Arlington, VA 22202

Mailing Address:
1200 Pennsylvania Avenue, NW
Washington, DC 20460-0001
<http://www.epa.gov/pesticides>
[epa_logo.jpg] [BPPD quarter size logo.JPG]

